

IN THE CLAIMS

1. (Original) A surface acoustic wave device comprising:

an input signal electrode and an output signal electrode to and from which an electric signal is inputted or outputted;

a first surface acoustic wave resonator including:

an input terminal connected to the input signal electrode and having a plurality of comb electrodes;

an output terminal connected to the output signal electrode and having a plurality of comb electrodes; and

common conductor means which has a plurality of comb electrodes and a part of comb electrodes of which form an interdigital transducer together with the comb electrodes of the input terminal, and the other part of the comb electrodes of which form an interdigital transducer together with the comb electrodes of the output terminal; and

a second surface acoustic wave resonator connected between a grounding electrode and at least one of the common terminals of the first surface acoustic wave resonator.
2. (Original) The surface acoustic wave device according to claim 1, wherein said common conductor means includes a plurality of common terminals, each having a plurality of comb electrodes, and a third interdigital transducer is formed by a part of the comb electrodes of one common terminal and a part of the comb electrodes of another common terminal.
3. (Original) The surface acoustic wave device according to claim 1, wherein the electrode period of the interdigital transducer forming the second surface acoustic wave resonator is set to be greater than the electrode period of the plurality of interdigital transducers forming the first surface acoustic wave resonator.

4. (Original) The surface acoustic wave device according to claim 1, wherein an inductance element is connected between the second surface acoustic wave resonator and the grounding electrode.

5 - 10. (Cancelled)

11. (Previously Presented) A branching filter comprising:
at least two surface acoustic wave devices having mutually different band center frequencies, and at least one of the surface acoustic wave devices comprising:
an input signal electrode and an output signal electrode to and from which an electric signal is inputted or outputted;
a first surface acoustic wave resonator including:
an input terminal connected to the input signal electrode and having a plurality of comb electrodes;
an output terminal connected to the output signal electrode and having a plurality of comb electrodes; and
common conductor means which has a plurality of comb electrodes and a part of comb electrodes of which form an interdigital transducer together with the comb electrodes of the input terminal, and the other part of the comb electrodes of which form an interdigital transducer together with the comb electrodes of the output terminal; and
a second surface acoustic wave resonator connected between a grounding electrode and at least one of the common terminals of the first surface acoustic wave resonator.

12 and 13. (Cancelled)

14. (Original) The surface acoustic wave device according to claim 1, wherein an electrode period of the first interdigital transducers of the first surface acoustic wave resonator is different from an electrode period of the second interdigital transducers the first surface acoustic wave resonator.

15. (Original) The surface acoustic wave device according to claim 1, wherein an electrode period of the first interdigital transducers of the first surface acoustic wave resonator is identical to an electrode period of the second interdigital transducers of the first surface acoustic wave resonator.

16. (Original) The surface acoustic wave device according to claim 1, wherein an electrode period of the plurality of interdigital transducers forming the first surface acoustic wave resonator is different from an electrode period of an interdigital transducer forming the second surface acoustic wave resonator.

17 - 22. (Cancelled)